

Name _____

Function of the Organelles

Which organelle performs the following functions within the cell?

Function	Organelle
1. Controls the movement into and out of the cell	1. _____
2. Jelly-like fluid that surrounds the nucleus and contains many of the materials involved in cell metabolism	2. _____
3. Serves as a pathway for the transport of materials throughout the cell; also associated with synthesis of proteins or lipids	3. _____
4. Serves as the control center of the cell	4. _____
5. Sites of protein synthesis	5. _____
6. Involved in the digestion of particles within the cell	6. _____
7. The "powerhouse" of the cell involved in ATP production	7. _____
8. Modifies and packages the products of the cell	8. _____
9. Involved in movement of chromosomes during cell division	9. _____
10. Site of the production of ribosomes	10. _____
11. Controls movement into and out of the nucleus	11. _____
12. Hair-like structures with the capacity for movement	12. _____
13. A long, whip-like structure used for movement	13. _____
14. Carry genetic information	14. _____
15. Consists of proteins that support the cell	15. _____

Use the diagram of a general animal cell on page 43 of your book to label each of the organelles seen below.

